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ì	Docket Number (Optional)	Application Number		
	PM 99.001	10/073,799		
i	Applicants			
	Jeffrey R. Bailey et al			
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U.S. PATENT DOCUMENTS

1		<u>*</u> &/	U.S. PA	TENT DUCUMENTS	•			
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	2,986,214	05/1961	Wiseman, Jr. et al.	R	166	55	
	2	3,118,501	01/1964	Kenley	R	166	55	
	3	3,662,833	05/1972	Kisling, III	R	166	314	
	4	4,102,401	07/1978	Erbstoesser	R	166	284	
	5	4,113,314	09/1978	Savanick et al.	R	299	4	
	6	4,244,425	01/1981	Erbstoesser et al.	R	166	284	
	7	4,428,422	01/1984	Laurent	R	166	212	
	8	4,637,468	01/1987	Derrick	R	166	297	
	9	4,671,352	06/1987	Magee, Jr. et al.	R	166	186	
	10	4,686,653	08/1987	Staron et al.	R	367	25	
	11	4,702,316	10/1987	Chung et al.	R	166	272	
	12	4,706,224	11/1987	Alford	R	367	41	
	13	4,776,393	10/1988	Forehand et al.	R	166	55	
	14	4,809,781	03/1989	Hoefner	R	166	273	
	15	4,870,580	09/1989	Lang et al.	R	702	14	
	16	4,881,207	11/1997	Dubesset et al.	R	367	31	
	17	4,888,740	12/1989	Brie et al.	R	367	30	
	18	4,910,718	03/1990	Horn	R	367	124	
	19	4,992,994	02/1991	Rambow et al.	R	367	25	
	20	5,010,527	04/1991	Mahrer	R	367	86	
	21	5,044,461	09/1991	Aronstam	R	181	102	
	22	5,060,751	11/1991	Kuhlman et al.	R	181	102	
	23	5,111,903	05/1992	Meynier	R	181	102	
	24	5,172,480	12/1992	Labuc et al.	R	33	304	
	25	5,189,262	02/1993	Engler et al.	R	181	102	

**EXAMINER** 

DATE CONSIDERED

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Applicants				
Jeffrey R. Bailey et al.				
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## **U.S. PATENT DOCUMENTS**

U.S. I ATEM I DOCUMENTS								
*EXAMINER REF DOCUMENT NUMBER		DATE	NAME	-	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	26	5,212,354	05/1993	Miller et al.	R	181	108	
	27	5,231,252	07/1993	Sansone	R	181	122	
	28	5,243,544	09/1993	Schoess	R	364	566	
	29	5,253,219	10/1993	Houston et al.	R	367	79	
	30	5,290,159	03/1994	Miller et al.	R	417	521	
	31	5,309,995	05/1994	Gonzalez et al.	R	166	284	
	32	5,314,019	05/1994	Honarpour	R	166	270	
	33	5,353,875	10/1994	Schultz et al.	R	166	297	
	34	5,363,094	11/1994	Staron et al.	R	340	854	
· <del>-</del> ·	35	5,370,545	12/1994	Laurent	R	439	190	
	36	5,475,187	12/1995	Omnes	D	181	102	
	37	5,481,502	01/1996	Cretin et al.	R	367	77	
	38	5,485,882	01/1996	Bailey et al.	R	166	284	
	39	5,550,785	08/1996	Laurent et al.	R	367	25	
	40	5,513,703	05/1996	Mills et al.	R	166	55	( /
_	41	5,579,844	12/1996	Rebardi et al.	R	166	296	
	42	5,594,706	01/1997	Shenoy et al.	R	367	76	
	43	5,747,750	05/1998	Bailey et al.	R	181	112	
	44	5,771,170	06/1998	Withers et al.	R			
	45	5,803,178	09/1998	Cain	R	166	306	
	46	5,865,252	02/1999	van Petegem et al.	R	166	297	
	47	5,890,536	04/1999	Nierode	R	166	284	
	48	5,934,377	08/1999	Savage	R	166	281	
	49	5,954,133	09/1999	Ross	R	166	297	
	50	5,996,687	12/1999	Pringle et al.	R	166	66	

EXAMINER

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#### SUPPLEMENTAL INFORMATION DISCLOSURE CITATION

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	Docket Number (Optional)	Application Number 10/073,799			
	PM 99.001				
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	(Use several sheets if necessary)			Jeffrey R. Bailey et al.			
				Filing Date	Group Art Unit		
				02/11/2002	2635		
		OTHER DOCUMENTS (Including A	uthor, Title, Date, Pe	rtinent Pages, Etc.)			
	Kirichenko, Oleg V. et al. (1993) "Fiber-Optic Sensors for Vibration Registration by means of Interferometry and Speckle-Interferometry Methods", SPIEFiber Optic and Laser Sensors XI, vol. 2070, pp. 409-415.						
	70	Lacy, L. L., (1984) "Comparison of Hydraulic-Fracture Orientation Techniques," Society of Petroleum					
	71	<b>Li, Y. G.</b> et al. (1988) "Stress Orientation Inferred from Shear Wave Splitting in Basement Rock at Cajon Pass", <i>Geophysical Research Letter</i> , vol. 15, No. 9, Paper No. 8L7356, pp. 997-1000.					
	72	Mari, J. L. et al. (1989) "Well Seismic Part One: The Vertical Seismic Profile, Basic Principles, Applications and Implementation", 1142 Revue de L'Institut Français du Petrole, 44, No. 2, Paris, France, 35 pages of translation.					
	73	Mykkeltveit, S. et al (1984) "Processing of Re Arrays", Bulletin of the Seismological Society					
	74	Pechstedt, R. D. et al (1993) "Optical Fibre Ad SPIEFiber Optic and Laser Sensors XI, vol. 2			Applications",		
	75	Schlumberger Oilfield Review, pp. 10-14, Jar	n. 1994.		R		
	76	Schmidt, M. et al (1989) "A Digitally-Controlle Leipzig 98 1, S. pp. 84-87.			R		
	77	Sleefe, G. E., et al., (1993) "Observations of Broad-Band Micro-Seisms During Resevoir Stimulation", 63rd SEG Meeting, Washington.					
	78	Sleefe, G.E., et al., (1991) "Experimental Study of an Advanced Three-Component Borehole Seismic Receiver," 1991, 61st SEG Meeting, Houston, Texas.					
	79	Sleefe, G.E., et al., (1993) "Rapid Acquisition of High Resolution Full Wavefield Borehole Seismic Data" Soc. of Exploration Geophysicist, 63 <sup>rd</sup> Annual Mtg., Washington, DC, 7 pages)					
	80	Stewart, L., et al. (1992) "Acoustic-Emission Monitoring During Hydraulic Fracturing," Society of Petroleum Engineers Formation Evaluation, pp. 139-144, 1992.					
	81	Thorne, B.J. et al (1988) "An Assessment of Borehole Seismic Fracture Diagnostics", SPE 63rd Annual Technical Conference, Houston, TX, Paper No. 3, (Oct. 22-5 1988) pp. 123-131.					
	Warpinski, N. R. et al. (1995) "Microseismic Mapping of Hydraulic Fractures Using Multi-Level Wireline Receivers", SPE 30507, Dallas, Texas, pp. 579-589.				Multi-Level		
EXAMINER		D	ATE CONSIDERED				

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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